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Certificate of Analysis

Product Description: Poly-D-lysine Hydrobromide
Catalog Number: 102694
Lot: Q2871**Formula:** $(C_6H_{12}N_2O \cdot HBr)_n$
CAS #: 27964-99-4
Physical Description: White Powder**Formula Weight:** 4,000 - 15,000
Storage: -0°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Degree of Polymerization	For Information Only	39 (by viscosity)
Average Molecular Weight	4,000 - 15,000	10,000 Da (by viscosity) 4,000 - 15,000 Da (by HPLC)

Source: Synthetic
Counter Ion: HBr
Purity (by NMR): ad min 95%
Recommended retest Date: 08/30/2016

A handwritten signature in black ink, appearing to read 'J Huang'.

08/31/2015 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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